

Mobil SHC™ 629 synthetic gear oil helps textile manufacturer extend oil drain intervals and reduce operating temperatures*



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LMW Comber LK64 machine gearboxes | Textile manufacturer | Banten, Indonesia

Situation

An Indonesian textile manufacturer operates two LMW Comber LK64 machines. Lubricated with a competitive synthetic oil, the machines' gearboxes were running at elevated temperatures as high as 56°C (133°F). Maintenance personnel were also concerned with oil consumption based on a 3,000-hour drain interval. The company approached ExxonMobil to determine a more reliable and efficient lubricant solution capable of reducing operating temperatures and extending oil drain intervals.

Recommendation

ExxonMobil recommended switching to **Mobil SHC™ 629** synthetic gear oil. Formulated from high viscosity base oils and a proprietary additive system, **Mobil SHC 629** provides outstanding performance in extreme service applications. The lubricant's low traction coefficient eases friction on non-conforming surfaces, thus reducing operating temperatures and enhancing efficiency. ExxonMobil also recommended implementing routine **Mobil Serv™ Lubricant Analysis** to monitor equipment and oil condition.

Impact

After transitioning to **Mobil SHC 629** synthetic gear oil, the textile manufacturer experienced significant improvements in both operational safety and efficiency. The manufacturer reports oil drain intervals were doubled from 3,000 hours to 6,000 hours, while operating temperatures were reduced to 47°C (117°F).

Benefit

The company reports that **Mobil SHC 629** synthetic gear oil has helped significantly enhance operational reliability and efficiency in its comber machine gearboxes.

Company-estimated
annual savings of
US \$2,240

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*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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